| li | ndex of | Claims |  |
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|    |         |        |  |

| Application/Control N | lo. |
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10/764,518 Examiner

Applicant(s)/Patent under Reexamination MIYATA ET AL.

Art Unit

Christina Y. Leung

2613

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| Α | Appeal   |
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| 0 | Objected |

|          |                            |              |          |  |  |                |  | l        |          |               |
|----------|----------------------------|--------------|----------|--|--|----------------|--|----------|----------|---------------|
|          | •                          |              |          |  |  |                |  |          |          | $\overline{}$ |
| Cla      | um                         | 4            |          | _  |  | Date           | <del>}</del>   |          |          |               |
| _        | Original                   | 7.50-02      |          |  |  |                |  |          |          |               |
| Final    | gi                         | W            |          |  |  |                |  |          |          |               |
| ΙŒ       | Ž                          | V            |          |  |  |                |  |          |          |               |
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|          | 1<br>9<br>3<br>7<br>5<br>6 |              |          |  |  |                |  |          |          |               |
|          | 3                          | $\checkmark$ |          |  |  |                |  |          |          |               |
|          | X                          |              |          |  |  |                |  |          |          |               |
| $\Box$   | 5                          | V            |          |  |  |                |  |          |          |               |
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|          | 7                          | 1            |          |  |  |                |  |          |          |               |
|          | 8                          | V            |          |  |  |                |  |          |          |               |
|          | 9<br>10                    | ./           |          | _  |  |                |  |          |          |               |
|          | 10                         | -/           | •        |  |  |                |  |          |          |               |
|          | 11                         | 1            |          |  |  |                |  |          |          | П             |
|          | 12                         | 7            |          |  |  |                |  | _        |          | Н             |
|          | 12<br>13<br>14             | ./           |          |  | Т  | Г              |  |          |          | $\vdash$      |
|          | 14                         | 1            |          | $\vdash$   | <del>                                     </del> | _              | -  |          |          | М             |
| h        | 15                         |              |          | $\vdash$   | $\vdash$   |                | $\vdash$   | $\Box$   |          | Н             |
|          | 15<br>16                   | 1            | <u> </u> | $\vdash$   | $\vdash$   |                | H  |          | -        | $\dashv$      |
| <b>—</b> | 17                         | Ť            |          | <del>                                     </del> | <del>                                     </del> | $\vdash$       | $\vdash$   |          | $\vdash$ | $\vdash$      |
| _        | 18                         | ┢            | $\vdash$ | <del> </del> -                                   | _  | $\vdash$       | $\vdash$   | _        | -        | $\vdash$      |
| $\vdash$ | 17<br>18<br>19             | ┢            |          | <del> </del>                                     |  | -              | -  | _        | -        | Н             |
|          | 20                         | $\vdash$     | $\vdash$ | $\vdash$   |  | $\vdash$       | -  | _        |          | -             |
| _        | 20<br>21                   | ⊢            |          | -  | -  | ├              | -  |          | $\vdash$ | Н             |
|          | 22                         | -            | ┝        | -  | -  | ├              | -  |          | -        | Н             |
|          | 22                         | ⊢            | ⊢        | $\vdash$   | -  | -              | _  | -        | _        | -             |
|          | 23                         | ⊢            | $\vdash$ | $\vdash$   | ⊢  |                |  | _        | _        | Н             |
| $\vdash$ | 23<br>24<br>25             | ├            |          |  | -  |                |  |          | -        | $\vdash$      |
|          | 25                         | ╁            | $\vdash$ | _  | $\vdash$   | $\vdash$       | -  |          |          | Н             |
| <u> </u> | 26<br>27<br>28             | ┝            | ⊢        | -  | -  | -              |  | _        | _        | Н             |
| <u> </u> | 27                         | -            | -        |  |  | <del> </del> — | _  | <u> </u> | _        | Н             |
|          | 28                         | <u> </u>     | 1_       | _  | <u> </u>   | _              |  | <u> </u> |          | Н             |
| <u> </u> | 29                         | ├-           |          | <u> </u>   |  | _              |  | <u> </u> |          | Ш             |
|          | 30                         | <u> </u>     | _        | <u> </u>   | <u> </u>   | _              |  |          |          |               |
|          | 31                         | ┡            | <u> </u> | <u> </u>   | _  | 1              | _  | L        |          | <u> </u>      |
|          | 32                         | _            | L.       | _  | L.   | L.             | _  | L_       |          | Ш             |
| <u> </u> | 33                         | -            | <u> </u> | _  | <u> </u>   | <u> </u>       |  | <u> </u> | ļ        | Ш             |
| <u></u>  | 34                         | <u> </u>     | ļ        | _  |  | ļ              |  | ļ        | <u> </u> | Ш             |
|          | 35                         | <u> </u>     | _        | <u> </u>   | <u> </u>   | L              | _  |          | _        | Ш             |
| <u></u>  | 36                         | <del> </del> | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>       | _  | <u> </u> | <u> </u> | Ш             |
|          | 37<br>38                   | <u> </u>     | <u> </u> | <u> </u>   |  | <u> </u>       |  |          | <u> </u> | Щ             |
| L        | 38                         |              |          | $oxed{oxed}$                                     | _  |                |  |          |          | Ш             |
| L        | 39                         | <u> </u>     |          | _  |  | L              |  |          | L        | Ш             |
|          | 40                         |              |          | Щ  | <u></u>  |                | $ldsymbol{ld}}}}}}$ | <u> </u> | <u> </u> | Ш             |
| L        | 41                         |              |          | <u> </u>   |  |                | <u> </u>   | <u> </u> | L        | Ш             |
| L        | 42                         | L            | L        |  |  |                |  |          | <u> </u> | Ш             |
|          | 43                         |              | $\Box$   |  |  | L              | _  |          |          | $\square$     |
|          | 44                         |              | Ĺ        |  |  | 匚              |  |          |          |               |
|          | 45                         |              |          |  |  |                |  |          |          |               |
|          | 46                         |              |          |  |  |                |  |          |          |               |
|          | 47                         |              |          |  |  |                |  |          |          |               |
|          | 48                         |              | [        |  |  |                |  |          |          |               |
|          | 49                         | <u> </u>     |          |  |  |                |  |          |          |               |
|          | 50                         |              |          |  |  |                |  |          |          |               |
|          |                            |              |          |  |  |                |  |          |          |               |

| Cla      | im       |             |          |              |              | ate      |              |              |                                     |          |
|----------|----------|-------------|----------|--------------|--------------|----------|--------------|--------------|-------------------------------------|----------|
| Final    | Original |             |          |              |              |          |              |              |                                     |          |
| ij       |          |             |          |              |              |          |              |              |                                     |          |
| $\Box$   | 51       |             |          |              |              | $\Box$   |              |              |                                     |          |
|          | 52       | _           |          |              |              |          |              |              |                                     |          |
| L        | 53       |             |          |              |              | _        |              |              |                                     |          |
|          | 54       | _           |          |              | -            | _        |              |              |                                     |          |
|          | 55       | _           | _        |              |              |          |              |              |                                     |          |
|          | 56       | _           |          |              | _            | _        |              |              |                                     |          |
| <u> </u> | 57       | _           |          |              |              |          |              |              |                                     |          |
|          | 58<br>59 | $\dashv$    |          |              | -            |          |              |              | -                                   | _        |
|          | 60       |             |          |              | -            |          |              | _            |                                     | _        |
| $\vdash$ | 61       |             |          |              | $\vdash$     | -        | _            |              |                                     | _        |
| -        | 61<br>62 |             | _        |              | Н            | -        |              |              | _                                   |          |
| _        | 63       |             |          |              | -            | -        |              |              |                                     | _        |
| 1        | 64       | _           |          | Η-           | Н            |          |              |              |                                     | _        |
|          | 65       |             |          | _            | Н            |          |              |              | $\vdash$                            | -        |
| <b></b>  | 66       |             |          |              | •            |          |              |              | _                                   | _        |
|          | 67       |             |          |              |              |          |              |              |                                     |          |
|          | 68       |             |          |              |              |          |              |              |                                     |          |
|          | 69       |             |          |              |              |          |              |              |                                     |          |
|          | 70       |             |          |              |              |          |              |              |                                     |          |
|          | 71       |             |          |              |              |          |              |              |                                     |          |
|          | 72<br>73 |             |          |              |              |          |              |              |                                     |          |
|          | 73       |             |          |              |              |          |              |              |                                     |          |
|          | 74       |             |          |              |              |          |              |              |                                     |          |
|          | 75       |             |          |              |              |          |              |              |                                     | L        |
|          | 76       |             |          |              | L            |          |              |              | _                                   |          |
| <u></u>  | 77       |             |          |              |              |          |              |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |
|          | 78       |             | _        | _            | _            |          |              |              | <u> </u>                            |          |
|          | 79       |             | _        | <u> </u>     | _            | _        |              |              | _                                   | L.       |
|          | 80       |             |          | <u> </u>     |              |          |              |              |                                     | L_       |
|          | 81       |             |          |              | L.           | _        |              |              |                                     | _        |
|          | 82       | <u> </u>    | <u> </u> | <u> </u>     | <u> </u>     | ļ        | ļ            |              | _                                   | -        |
| <u> </u> | 83       | _           |          | <u> </u>     | <u> </u>     | <u> </u> | _            | _            | <u> </u>                            | _        |
|          | 84<br>85 | <u> </u>    |          | <u> </u>     | <u> </u>     | <u> </u> |              | -            | <del> </del>                        | -        |
|          | 86       | <b></b>     | <b>.</b> | <del> </del> | -            |          | ļ            | -            | _                                   | $\vdash$ |
| -        | 87       | <del></del> |          | ├            | $\vdash$     | -        | -            | -            |                                     | -        |
| -        | 88       | -           | -        | ┢            | $\vdash$     | $\vdash$ | Ι—           | -            | ├                                   | $\vdash$ |
|          | 89       | H           | -        | <del> </del> | <del> </del> | -        | $\vdash$     | $\vdash$     |                                     | 1        |
| 1        | 90       | H           |          |              | $\vdash$     | H        | <del> </del> | <del> </del> | -                                   | -        |
|          | 91       | H           | Т        | F            |              |          | <u> </u>     | _            | $\vdash$                            |          |
|          | 92       | Г           |          |              |              | Г        |              |              |                                     | Т        |
|          | 93       | Г           | Г        | Г            |              |          | _            |              | Π                                   | Τ        |
|          | 94       |             |          |              |              |          |              |              |                                     |          |
|          | 95       |             |          |              |              |          |              |              |                                     |          |
|          | 96       |             |          |              |              |          |              |              |                                     |          |
|          | 97       |             |          |              |              |          |              |              |                                     |          |
|          | 98       |             |          |              |              |          |              |              | L                                   | Ĺ        |
|          | 99       | _           | <u> </u> | <u> </u>     | <u> </u>     | L.       | _            | <u> </u>     |                                     | L        |
| 1        | 100      |             | l        | ı            | 1            | 1        | 1            | ı            | 1                                   | l i      |

| Cla          | aim                             | Date      |              |          |              |          |              | $\neg$       |          |          |
|--------------|---------------------------------|-----------|--------------|----------|--------------|----------|--------------|--------------|----------|----------|
|              |                                 |           |              |          |              |          |              | $\neg$       |          |          |
| Final        | Original                        |           |              |          |              |          |              |              |          |          |
|              | 101<br>102<br>103<br>104<br>105 |           |              |          |              |          |              |              |          |          |
|              | 102                             |           |              |          |              |          |              |              |          |          |
|              | 103                             |           |              |          |              |          |              |              |          |          |
|              | 104                             |           |              |          |              |          |              |              |          |          |
|              | 105                             |           |              |          |              |          |              |              |          |          |
|              | 106<br>107                      |           |              |          |              |          |              | _            |          |          |
|              | 107                             |           |              |          |              |          |              |              |          |          |
|              | 108                             |           |              |          |              |          |              |              |          |          |
|              | 109                             |           | _            | _        |              |          |              |              |          | _        |
|              | 110<br>111                      |           | _            | $\Box$   |              |          | -            |              |          | ᆜ        |
|              | 111                             | $\square$ | _            |          |              |          |              | $\Box$       | $\sqcup$ |          |
|              | 112                             | Ш         | _            | Щ        |              |          | $\Box$       |              | $\Box$   | ᆜ        |
| <u> </u>     | 113<br>114<br>115               | $\vdash$  |              | -        | -            |          | -            |              |          |          |
| l            | 114                             | $\vdash$  | _            |          |              |          | Н            | $\vdash$     | $\dashv$ |          |
|              | 115                             | Н         | =            | $\vdash$ |              | <u> </u> |              | $\vdash$     |          | {        |
| L            | 116<br>117<br>118<br>119        | $\vdash$  | -            | -        |              |          | Н            |              |          | $\dashv$ |
|              | 117                             | Н         |              | _        | _            |          |              |              | -        | ᅱ        |
|              | 110                             | -         | -            |          |              | _        | -            |              | -        | $\dashv$ |
| -            | 120                             | Н         | _            |          |              |          | _            |              |          | -        |
|              | 121                             |           |              |          |              | _        |              |              | -        | $\dashv$ |
|              | 122                             | Н         |              |          | _            |          | _            |              | -        |          |
|              | 121<br>122<br>123               | -         |              | _        | -            | _        | _            |              |          |          |
| <u> </u>     | 124<br>125<br>126               |           |              |          |              | $\vdash$ | _            |              | -        |          |
|              | 125                             |           |              |          | _            |          |              |              |          |          |
| $\vdash$     | 126                             | H         |              |          |              |          |              |              |          |          |
|              | 127                             |           |              | _        |              |          |              |              |          |          |
|              | 128                             |           |              |          | _            |          |              |              |          |          |
|              | 129                             |           |              |          |              |          |              |              |          |          |
|              | 127<br>128<br>129<br>130<br>131 |           |              |          |              |          |              |              |          |          |
|              | 131                             |           |              |          |              |          |              |              |          |          |
|              | 132                             |           |              |          |              |          |              |              |          |          |
|              | 133<br>134                      |           |              |          |              |          |              |              |          |          |
|              | 134                             |           |              |          |              |          |              |              |          |          |
|              | 135<br>136                      |           |              |          |              | _        |              |              |          | Ш        |
|              | 136                             | _         |              | _        |              |          |              |              |          | _        |
| <u> </u>     | 137                             |           |              |          | _            | <u> </u> | Ш            | _            |          |          |
|              | 138<br>139                      |           | _            | <u> </u> | <u> </u>     | $\vdash$ | $\vdash$     | L            | H        | <b>—</b> |
| <u> </u>     | 139                             |           | Щ            | <u> </u> | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>     | $\vdash$ | Н        |
| <u> </u>     |                                 |           |              |          | <del> </del> |          | -            | <del> </del> | <u> </u> | Н        |
| ļ            | 141                             |           |              | <u> </u> | ⊢            | $\vdash$ | <del> </del> | <u> —</u>    |          | Ш        |
| <u> </u>     | 142                             | $\vdash$  | <del>-</del> | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | -        |          |
|              | 143                             | $\vdash$  | <u> </u>     | $\vdash$ | $\vdash$     | $\vdash$ | ⊢            | $\vdash$     | $\vdash$ | Н        |
| <b></b>      | 144                             | -         | -            | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | Н        |
| <del> </del> | 146                             | -         | H            | -        | ┝            | $\vdash$ | 1            | $\vdash$     | -        | Н        |
|              | 147                             |           | -            | $\vdash$ |              | -        | -            | $\vdash$     | -        | Н        |
|              | 148                             |           | $\vdash$     | $\vdash$ | -            | $\vdash$ | $\vdash$     | $\vdash$     |          | Н        |
| <u> </u>     | 149                             |           | $\vdash$     | $\vdash$ | $\vdash$     | H        | H            | <u> </u>     |          | $\vdash$ |
| <b></b>      | 150                             |           |              | Н        | H            |          |              |              |          | Н        |
| i .          | ,                               |           |              | •        |              | ı        |              |              |          |          |